

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011336.D
 Acq On : 09 Jun 2019 00:02
 Operator : SY/MD
 Sample : K3276-18
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8F4

Quant Time: Jun 09 00:54:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143839	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43302	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.57	69	37550	4.14	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.12	63	71925	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	114052	46.48	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.96%
24) Chloroform-d	4.40	84	86910	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	51339	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	178263	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	54070	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	157027	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.66	79	15914	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	8.14	63	85798	44.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35296	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	48203	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

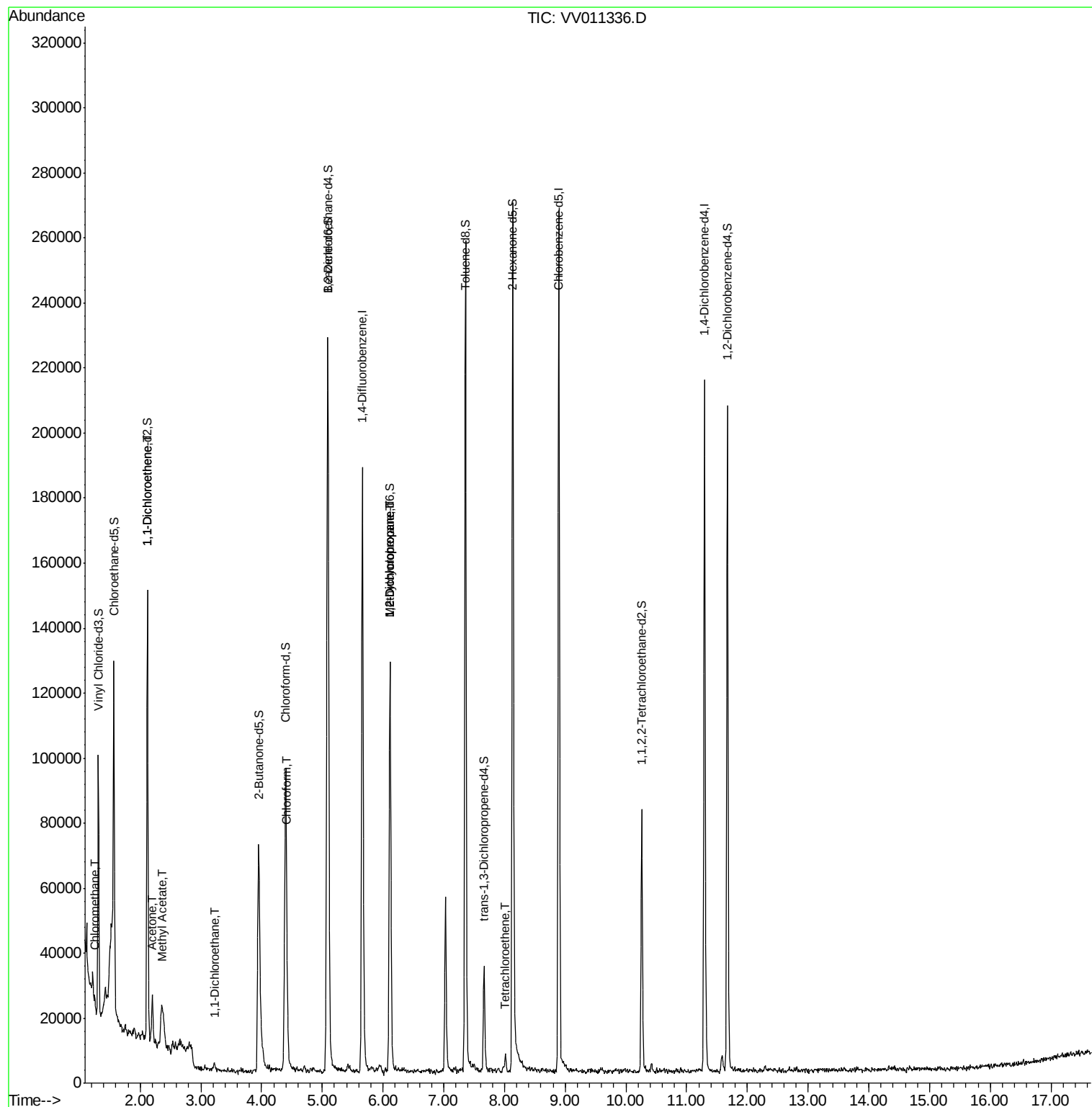
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	1727	0.126	ug/L	91
12) 1,1-Dichloroethene	2.12	96	1104	0.122	ug/L #	1
13) Acetone	2.20	43	8510	5.173	ug/L	92
15) Methyl Acetate	2.35	43	3198	0.732	ug/L #	55
19) 1,1-Dichloroethane	3.22	63	1922	0.096	ug/L #	78
25) Chloroform	4.42	83	6617	0.320	ug/L	99
35) Methylcyclohexane	6.12	83	13422	0.767	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7081	0.694	ug/L #	86
47) Tetrachloroethene	8.02	164	909	0.119	ug/L	82

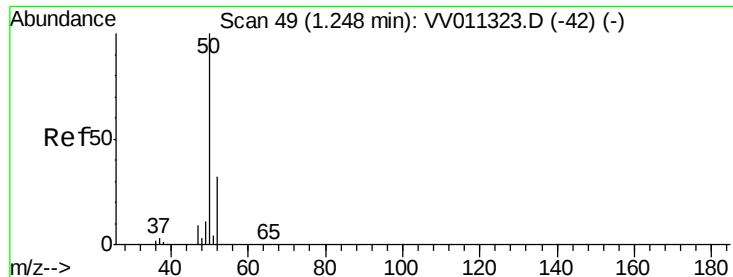
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.126 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

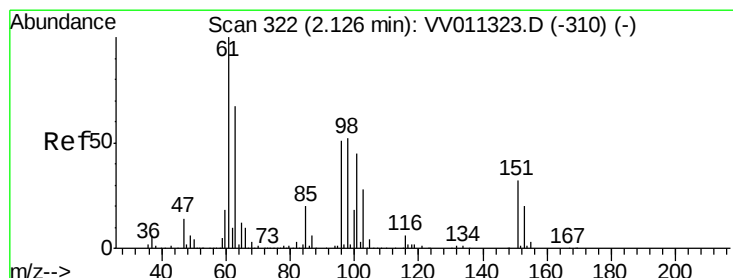
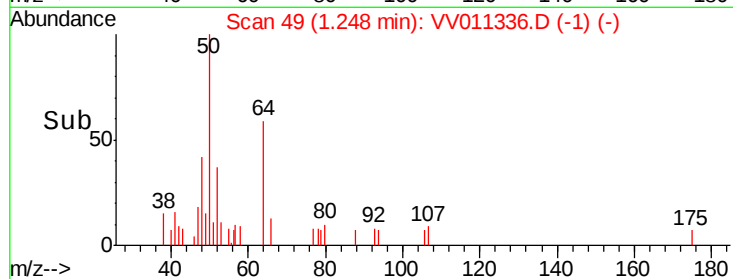
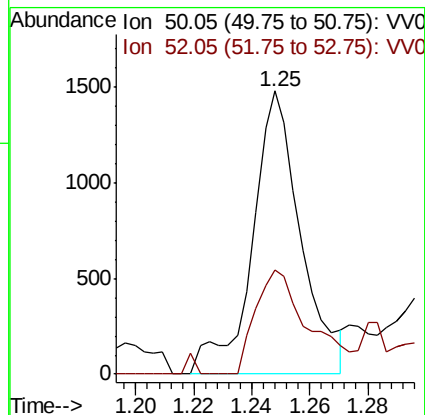
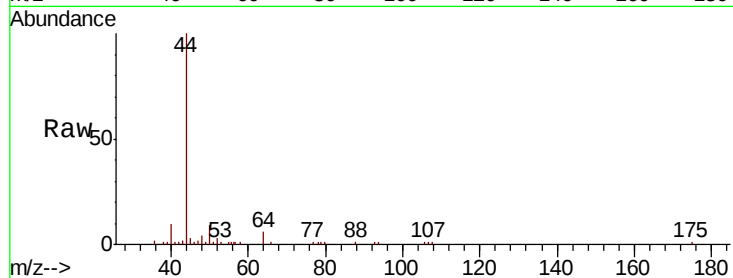
DB8F4

Tgt Ion: 50 Resp: 1727

Ion Ratio Lower Upper

50 100

52 37.0 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.122 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011336.D

Acq: 09 Jun 2019 00:02

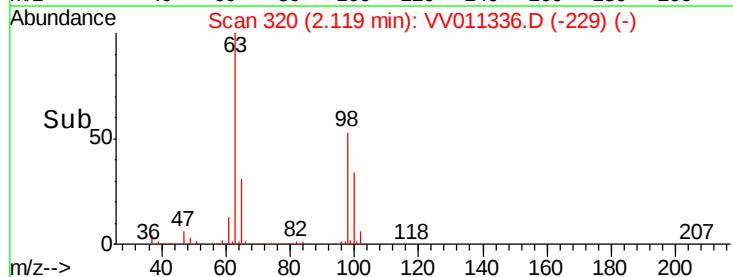
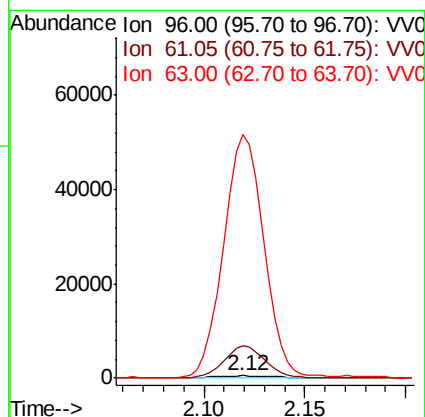
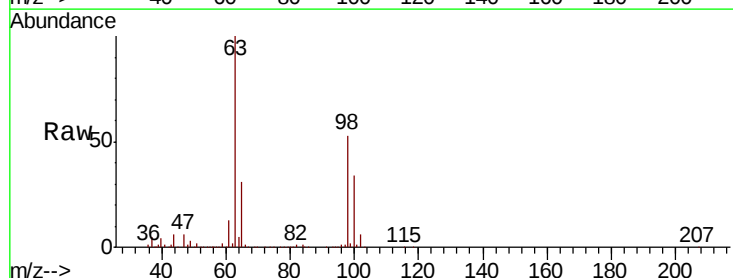
Tgt Ion: 96 Resp: 1104

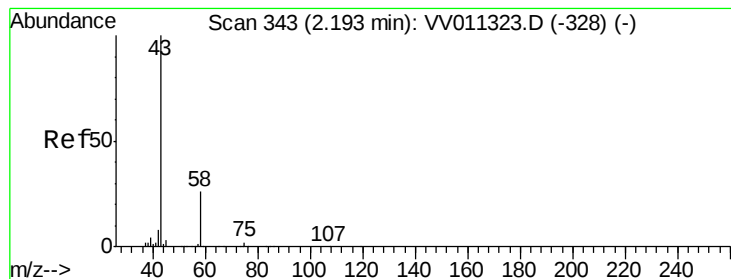
Ion Ratio Lower Upper

96 100

61 1343.1 139.8 259.6#

63 10111.9 94.3 175.1#





#13

Acetone

Concen: 5.173 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV011336.D

Acq: 09 Jun 2019 00:02

Instrument :

MSVOA_V

ClientSampleId :

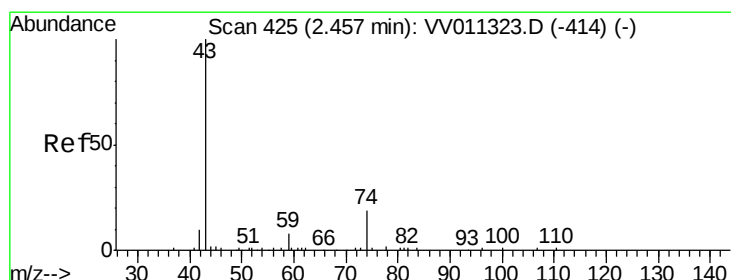
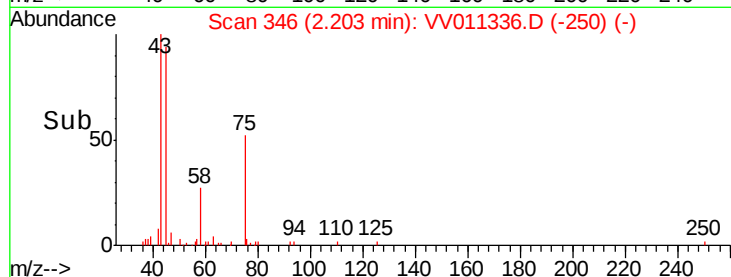
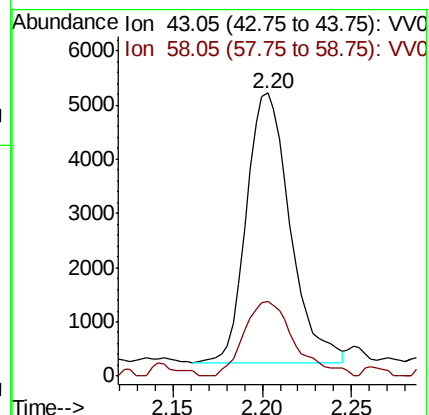
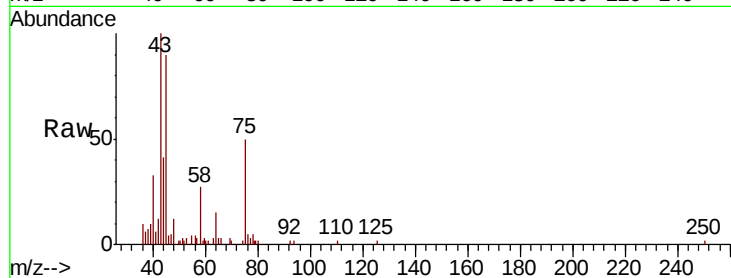
DB8F4

Tgt Ion: 43 Resp: 8510

Ion Ratio Lower Upper

43 100

58 31.9 0.0 55.2



#15

Methyl Acetate

Concen: 0.732 ug/L

RT: 2.35 min Scan# 391

Delta R.T. -0.11 min

Lab File: VV011336.D

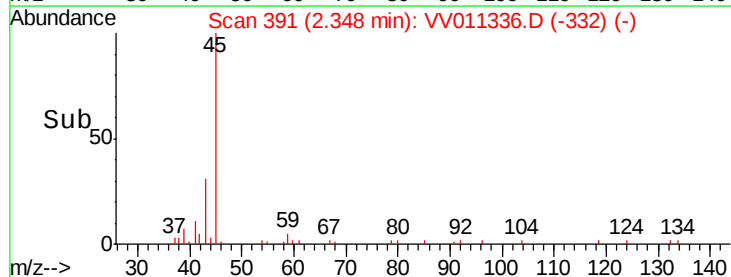
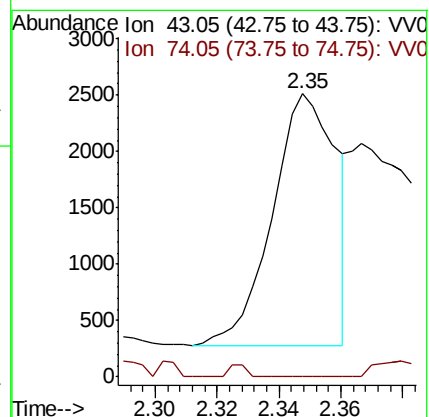
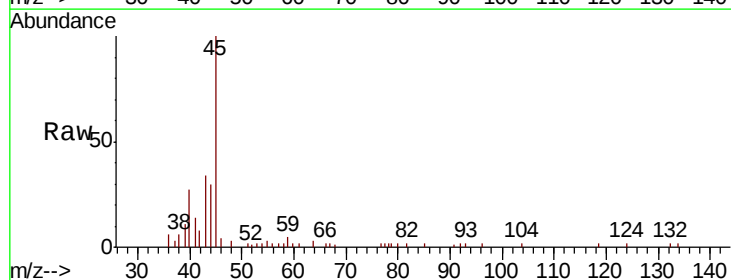
Acq: 09 Jun 2019 00:02

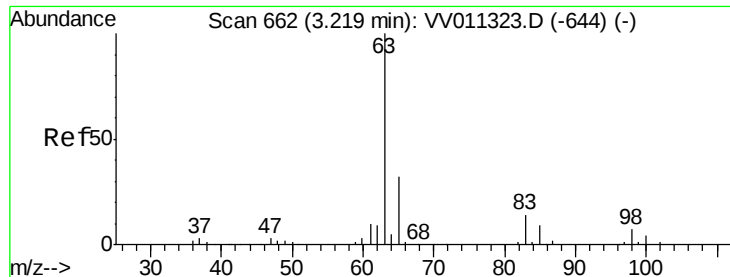
Tgt Ion: 43 Resp: 3198

Ion Ratio Lower Upper

43 100

74 1.3 18.5 27.7#





#19

1,1-Dichloroethane

Concen: 0.096 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV011336.D

Acq: 09 Jun 2019 00:02

Instrument :

MSVOA_V

ClientSampled :

DB8F4

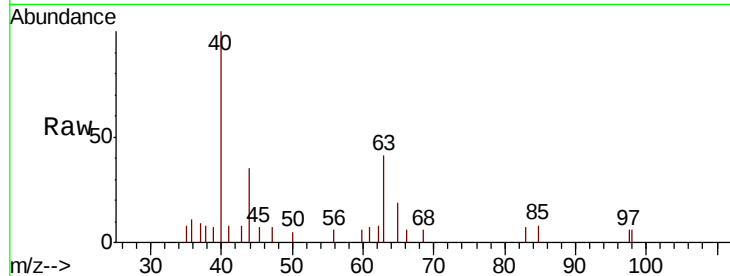
Tgt Ion: 63 Resp: 1922

Ion Ratio Lower Upper

63 100

65 46.5 22.1 41.1#

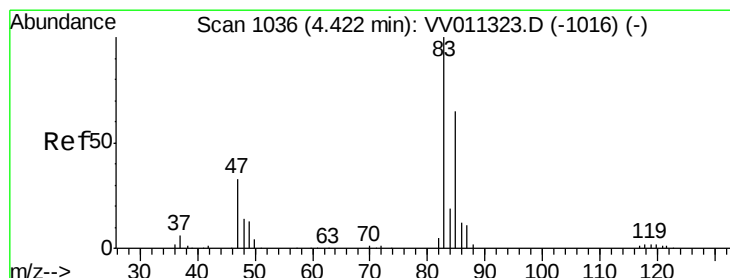
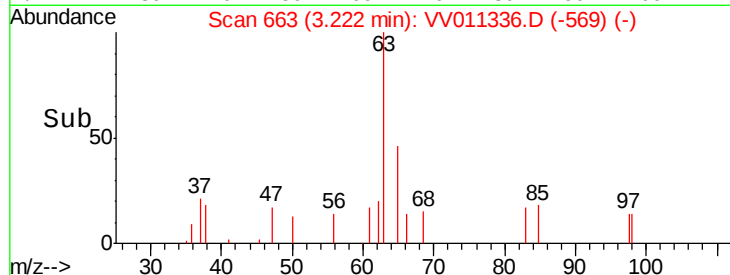
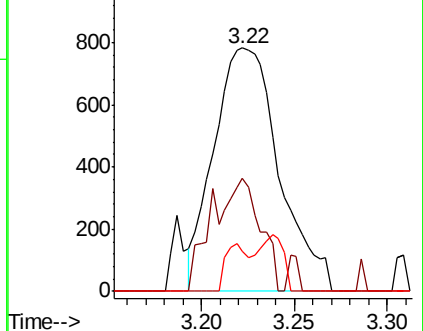
83 16.6 9.2 17.0



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#25

Chloroform

Concen: 0.320 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV011336.D

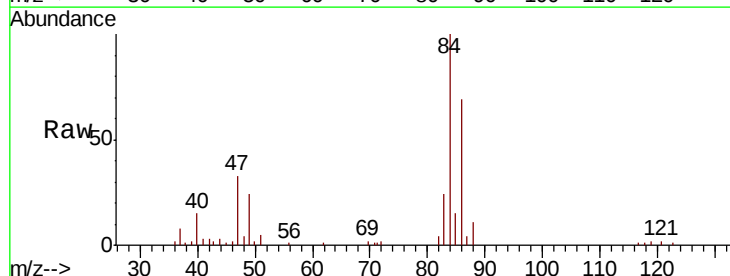
Acq: 09 Jun 2019 00:02

Tgt Ion: 83 Resp: 6617

Ion Ratio Lower Upper

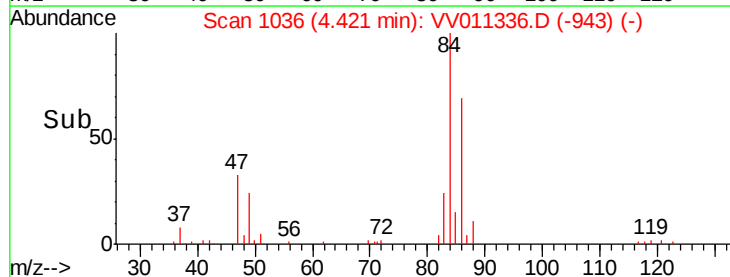
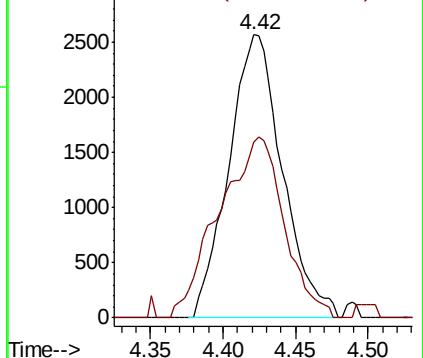
83 100

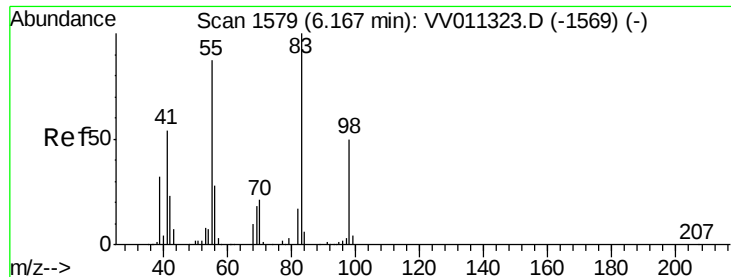
85 62.3 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011336.D

Acq: 09 Jun 2019 00:02

Instrument :

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ClientSampleId :

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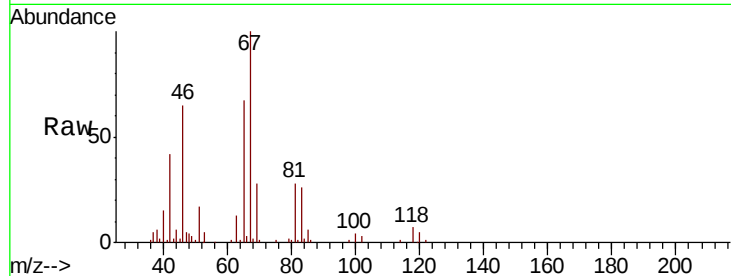
Tgt Ion: 83 Resp: 13422

Ion Ratio Lower Upper

83 100

55 0.9 67.0 100.6#

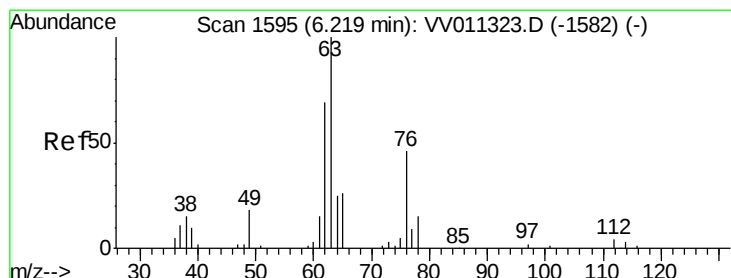
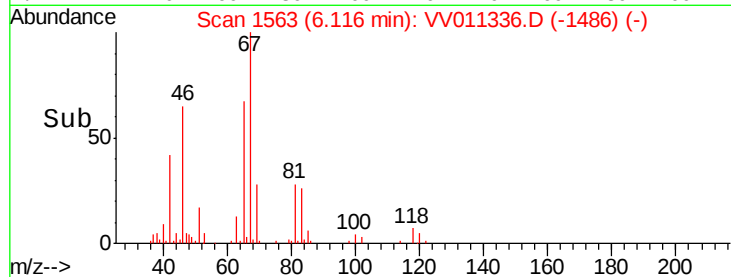
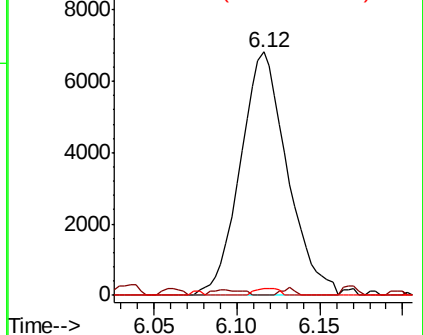
98 1.4 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011336.D

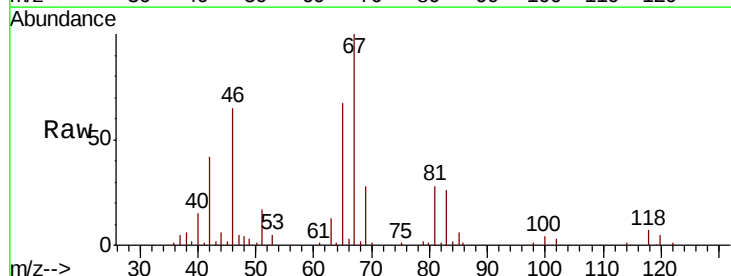
Acq: 09 Jun 2019 00:02

Tgt Ion: 63 Resp: 7081

Ion Ratio Lower Upper

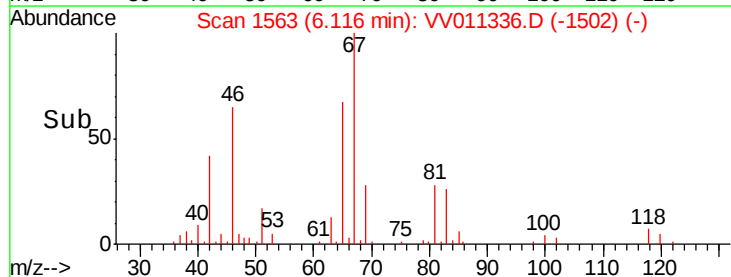
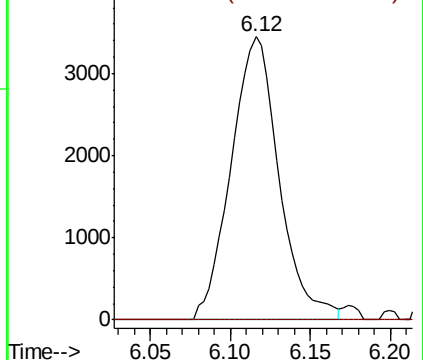
63 100

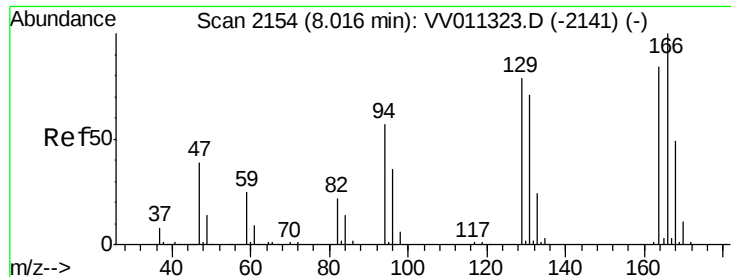
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.119 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011336.D

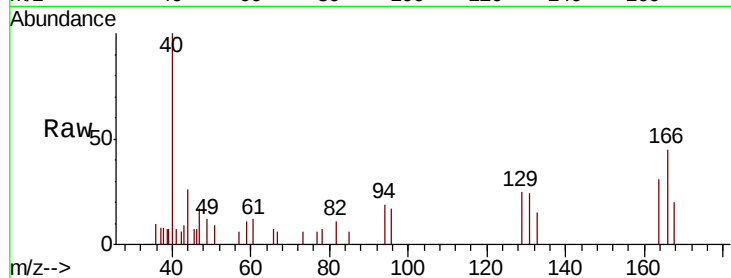
Acq: 09 Jun 2019 00:02

Instrument :

MSVOA_V

ClientSampleId :

DB8F4



Tgt Ion:164 Resp: 909

Ion Ratio Lower Upper

164 100

129 79.3 69.9 129.9

131 75.3 66.8 124.2

166 144.5 90.2 167.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

